

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. **(currently amended):** An expression vector ~~having comprising~~ a polynucleotide ~~encoding for a polypeptide of SEQ ID NO:9 which hybridizes with a complementary chain of the polynucleotide represented by SEQ ID NO:8 under a stringent condition, and also encodes a polypeptide that has the activity of hydroxylating~~ which hydroxylates the 24-position of an oleanane type triterpene.

2. **(currently amended):** The expression vector described in claim 1, wherein the polynucleotide is the polynucleotide ~~represented by~~ of SEQ ID NO:8.

3. **(currently amended):** A transformant in which a host is transformed with the expression vector described in claim 1, wherein the host is a microorganism.

4. **(canceled).**

5. **(currently amended):** The transformant described in claim 4, wherein the microorganism is a yeast.

6. **(currently amended):** An ~~expression co-expression~~ vector ~~having~~ a polynucleotide which hybridizes with a complementary chain of the polynucleotide represented

by SEQ ID NO:8 under a stringent condition and also encodes a polypeptide that has the activity of hydroxylating the 24-position of an oleanane type triterpene; comprising a polynucleotide encoding for a polypeptide of SEQ ID NO:9 and a β -amyrin synthase gene.

7. **(currently amended):** The expression vector described in claim 6, wherein the polynucleotide is the polynucleotide represented by SEQ ID NO:8.

8. **(currently amended):** A transformant in which a host is transformed with the expression vector described in claim 6 ~~or 7~~, wherein the host is a microorganism.

9. **(canceled).**

10. **(currently amended):** The transformant described in claim 9, wherein the microorganism is a yeast.

11. **(original):** A lanosterol synthase deficient yeast mutant strain deposited as FERM BP-10201.

12. **(withdrawn-currently amended):** A method for producing a polypeptide that has the activity of hydroxylating the 24-position of an oleanane type triterpene, which comprises: a step of culturing the transformant described in claim 3; and thereby producing ~~the a~~ polypeptide described in claim 1 of SEQ ID NO:9.

13. (withdrawn): A method for producing: a polypeptide that has the activity of hydroxylating the 24-position of an oleanane type triterpene; and a β -amyirin synthase, which comprises culturing the transformant described in claim 8,

- 1) a step for producing the polypeptide described in claim 1 and
- 2) a step for producing the β -amyirin synthase.

14. (withdrawn): A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, which comprises a step of allowing the transformant described in claim 3 to act upon an oleanane type triterpene.

15. (withdrawn): A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, by culturing the transformant described in claim 8.

16. (withdrawn): A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, by culturing the yeast mutant strain described in claim 11.